Implementing New & Revised ICD-10 Codes

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Excellence in Optometric Education
Review of Changes in ICD-10 2017

- Review New & Revised ICD-10 Codes for 2017
  - 1,974 new codes
  - 425 revised codes
  - 311 deleted codes
- New reporting for AMD
- New Reporting for CRVO & BRVO
- New Reporting for Diabetes
- New Reporting for Glaucoma Codes
- ICD-10 Coding Tips
- **Effective Date – October 1, 2016 !!**
Review of Changes in ICD-10

- Part B Medicare providers must submit claims with the most specific ICD-10-CM codes available.
- CMS allowed a one year specificity safe harbor grace period after implementing ICD-10 2016 last year.
  - Allowed payment for claims with less specificity provided the code was from the correct family.
  - This grace period ends October 1, 2016.
- Most significant changes are in coding diabetes, macular degeneration, retinal vascular disease, & glaucoma.
  - Staging and laterality added for more detail.
Tabular List Detail

- Chapter 1  Infectious and parasitic diseases (A00-B99)
- Chapter 2  Neoplasms (C00-D49)
- Chapter 3  Diseases of Blood and blood forms (D50-D89)
- Chapter 4  Endocrine, nutritional, metabolic (E00-E90)
- Chapter 5  Mental & behavioral (F01-F99)
- Chapter 6  Nervous system (G00-G99)
- Chapter 7  Eye & adnexa (H00-H59)
- Chapter 8  Ear and mastoid (H60-H95)
- Chapter 9  Circulatory system (I00-I99)
- Chapter 10 Respiratory system (J00-J99)
- Chapter 11 Digestive system (K00-K94)
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Chapter 7: Diseases of Eye/Adnexa Detail

- H00-H05 Eyelid, lacrimal, orbit
- H10-11 Conjunctiva
- H15-H22 Sclera, cornea, iris, ciliary body
- H25-H28 Lens
- H30-H36 Choroid/retina
- H40-H42 Glaucoma
- H43-H44 Vitreous & globe
- H46-H47 Optic nerve & pathways
- H49-H52 Ocular muscles, accommodation, refraction
- H53-H54 Disorders of refraction, Visual disturbances, blindness
- H55-H57 Other disorders eye & adnexa
- H59 Intra-operative & post-procedural complications
Laterality

- For bilateral sites, final character of code indicates laterality (-1 = R, -2 = L, -3 bilateral)
- If no bilateral code provided and condition is bilateral
  - Assign separate codes for both left and right
- Ex:
  - H43.811 Vitreous degeneration, right side
  - H43.812 Vitreous degeneration, left side
  - H43.813 Vitreous degeneration, bilateral
  - H43.819 Vitreous degeneration, unspecified - Deleted
Laterality

- Exceptions are when eyelid coding
- Ex:
  - H02.011 Cicatricial entropion, right upper lid
  - H02.012 Cicatricial entropion, right lower lid
  - H02.013 Cicatricial entropion, lid - right unspecified - Deleted
  - H02.014 Cicatricial entropion, left upper
  - H02.015 Cicatricial entropion, left lower
  - H02.016 Cicatricial entropion, left unspecified lid - Deleted
  - H02.019 Cicatricial entropion, unspecified eye, unspecified lid - Deleted
Modifier / Laterality Coordination

- Filing for extended ophthalmoscopy / Drusen bilateral
  - Ex. CPT 92225-RT = H35.361 Drusen, right eye
  - Ex. CPT 92225-LT = H35.362 Drusen, left eye
  - Some pay on bilateral drusen (H35.363) diagnosis but most do not and after October 1, 2016 lateral specificity is required

- Filing for Epilation of misdirected cilia OS, lower lid
  - Ex. CPT 67820-E2 = H02.055
Placeholder Characters

- Character “X” used as a placeholder
  - Allows for future expansion
  - Where it exists it must be used to be valid
    - Ex S05.8x1A
  - Some codes will contain more than one placeholder character
    - Ex W31.1xxA
Placeholder Character Challenges

- Code extensions (seventh character) have been added for injuries and consequences of external causes (S00-T88), to identify the encounter
  - “A” Initial encounter – receiving “active” treatment
    - Can be used more than once
    - Initial is not always “A” (see radius fracture)
  - “D” Subsequent encounter-use after Pt received active treatment
    - Subsequent not always “D”
  - “S” Sequelae-used for complications/conditions arise as result of injury
    - S only added to injury code, not sequela code
    - Sequela code first, followed by injury code
7th Character Extension

- Glaucoma staging by 7th character for severity
- \(1\) = mild stage (No VFD)
- \(2\) = moderate stage (1 hemifield VFD)
- \(3\) = severe stage (both hemifield VFD, or w/in 5 degrees)
- \(4\) = indeterminate (VF not performed, not reliable etc)
- \(0\) = unspecified
- Ex: low tension glaucoma
  - Glaucoma / low tension glaucoma / moderate R, severe L
  - H40.-/ H40.12 / H40.121 / H40.1212
  - H40.-/ H40.12 / H40.122 / H40.1223
Coding for Glaucomas

- Determine type of glaucoma
- Determine severity of glaucoma
- Assign 7th character to stage disease
  - 1 - Mild
  - 2 - Moderate
  - 3 - Severe
  - 4 - Indeterminate

- Ex: pigmentary glaucoma, bilateral / moderate stage
  - H40.1332 / H40.1332

- Ex: pseudoexfoliative glaucoma, left / mild stage
  - H40.1421 / H40.1421
Coding for Glaucomas

- Primary Open Angle Glaucoma H40.11x__
  - Placeholder replaced with laterality numeral
    - H40.111_ Right eye
    - H40.112_ Left eye
    - H40.113_ Bilateral
  - Add stage code in 7th position to finalize

- Ex: primary open angle glaucoma, *bilateral* / *mild* stage
  - H40.11x1 (old way)
  - H40.1131 (New way)
Additional Glaucoma Code Changes

- Open angle suspect, **Low Risk** (1-2 risk factors)
  - H40.011 / -.012 / -.013

- Open angle suspect, **High Risk** (3+ risk factors)
  - Risk factors – family history, race, elevated IOP, disc appearance and thin central corneal thickness
  - H40.021 /-.022 / -.023

- Primary angle closure suspect (anatomical suspect, narrow angle)
  - H40.031 / -.032 / -.033

- Ocular Hypertension
  - H40.051 / -.052 / -.053

- **Do not use glaucoma codes that are unspecified!**
  - Ex. H40.009 and H40.019 - Deleted
Glaucoma Coding Tips

■ If code includes *eye indicator*, add stage code for each eye
  - Ex. H40.2232  Angle closure glaucoma, chronic, bilateral, moderate stage

■ Some glaucoma codes *do not require laterality*!
  - Unspecified open angle H40.10_
    ■ Stage most severely affected eye
  - Unspecified primary angle closure glaucoma H40.20_
    ■ Stage most severely affected eye
  - Other unspecified glaucoma H40.89
    ■ Stage not used
  - Unspecified glaucoma H40.9
    ■ Stage not used
Glaucoma Coding Tips

■ If no eye indicator, use placeholder x code, add stage for most severely affected eye
  – Ex. H40.10x2 Unspecified open angle glaucoma, moderate stage

■ Some glaucoma codes do not require staging codes!
  – Ex. H40.211 Acute angle closure glaucoma attack, right eye
Age Related Macular Degeneration -Dry

- **Old way** - No detail or laterality when coding AMD
  - H35.31  Non-exudative AMD
  - H35.32  Exudative AMD

- **New Way** – add *Laterality* (6\textsuperscript{th}) & *Staging* (7\textsuperscript{th})

- **Laterality** – in 6\textsuperscript{th} character
  - -1 Right
  - -2 Left
  - -3 Both
Age Related Macular Degeneration-Dry

- Old way - No detail or laterality when coding AMD
  - H35.31 Non-exudative AMD
  - H35.32 Exudative AMD

- New Way – add Laterality (6th) & Staging (7th)

- Stage – in 7th character
  - -1 Early
  - -2 Intermediate
  - -3 Advanced atrophic without subfoveal involvement
  - -4 Advanced atrophic with subfoveal involvement

- Ex: dry AMD, bilateral, intermediate stage
  - H35.3132
AMD - Dry

- H35.31_1  Nonexud mac degen, early dry stage
- H35.31_2  Nonexud mac degen, interm dry stage
- H35.31_3  Nonexud mac degen, adv atrophy w/o subfov invol
- H35.31_4  Nonexud mac degen, adv atrophic w subfov involve
- H35.31_0  Nonexud mac degen, unspecified

In this case the blank space is for the laterality numeral
Age Related Macular Degeneration-Wet

■ Old way - No detail or laterality when coding AMD
  - H35.32 Exudative AMD

■ New Way – add Laterality (6th) & Staging (7th)

■ Laterality – in 6th character
  - -1 Right
  - -2 Left
  - -3 Both

■ Stage – 7th character
  - -1 Active neovascularization
  - -2 Inactive neovascularization
  - -3 Inactive scar

■ Ex: AMD, wet, OS, Inactive scar H35.3223
AMD - Wet

- **H35.32_1**  Exud mac degen, w active CNV
- **H35.32_2**  Exud mac degen, w inactive CNV
- **H35.32_3**  Exud mac degen, inactive scar
- **H35.32_0**  Exud mac degen, unspecified

- In this case the blank space is for the *laterality* numeral.
Central Retinal Vein Occlusion - CRVO

- Old way - No detail or laterality when coding CRVO
  - H34.81_ Central retinal vein occlusion
- New Way – add Laterality (6th) & Staging (7th)
- Laterality
  - -1 R
  - -2 L
  - -3 Bilateral
- Stage – in 7th character
  - -0 with macular edema
  - -1 with retinal neovascularization
  - -2 Stable
- Ex: CRVO, OD w ME H34.8110
Branch Retinal Vein Occlusion - BRVO

- Old way - No detail or laterality when coding BRVO
  - H34.83_ Branch retinal vein occlusion
- New Way – add Laterality (6th) & Staging (7th)

- Laterality
  - -1 Right
  - -2 Left
  - -3 Bilateral

- Stage – in 7th character
  - -0 with macular edema
  - -1 with retinal neovascularization
  - -2 Stable

- Ex: BRVO, OS, Stable   H34.8322
CRVO / BRVO Coding

- H34.81_0  CRVO w ME
- H34.81_1  CRVO w retinal neovasc
- H34.81_2  CRVO, stable
- H34.83_0  BRVO w ME
- H34.83_1  BRVO w retinal neovasc
- H34.83_2  BRVO, stable

In this case the blank space is for the laterality numeral.
Note stages start with -0.
Chapter 4: Endocrine, etc

■ Diabetes mellitus
  - Combination codes that include
    ■ Type of Diabetes / Body system affected
    ■ Complications affecting body system
  - Sequencing depends on reason for the encounter

■ 5 Categories
  - E08. Diabetes mellitus due to underlying condition
  - E09. Drug or chemical induced diabetes mellitus
  - E10. Type 1 diabetes mellitus
  - E11. Type 2 diabetes mellitus
  - E13. Other specified diabetes mellitus
Diabetes - Combination Coding

■ Old Way – Type of DM / Type of Retinopathy / Severity / Edema
  – Ex: **E11.321** – Type 2 DM with mild, non-proliferative retinopathy with macular edema

■ New way – Type of DM / Type of Retinopathy / Severity / Edema / Laterality
  – Ex: **E11.3213** – Type 2 DM with mild, non-proliferative retinopathy with macular edema, bilateral
# Diabetes – Type 1 Coding NPDR

- **E10.3 __ __ __**

- **E10.3 retinopathy stage, edema, laterality**

<table>
<thead>
<tr>
<th>Stage</th>
<th>Edema</th>
<th>Laterality</th>
</tr>
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<tbody>
<tr>
<td>2 Mild</td>
<td>-1 with</td>
<td>-1 right</td>
</tr>
<tr>
<td>3 Moderate</td>
<td>-9 without</td>
<td>-2 left</td>
</tr>
<tr>
<td>4 Severe</td>
<td></td>
<td>-3 bilateral</td>
</tr>
<tr>
<td>5 PDR</td>
<td></td>
<td></td>
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</table>

- **Stage**
- **Edema**
- **Laterality**
## Diabetes – Type 1 Coding PDR

- **E10.35** __ ___

- **E10.35** PDR stage, laterality

### Stage

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<td>-1 right</td>
</tr>
<tr>
<td>3 TRD not involv Mac</td>
<td>-2 left</td>
</tr>
<tr>
<td>4 comb TRD &amp; Rheg RD</td>
<td>-3 Bilateral</td>
</tr>
<tr>
<td>5 Stable PDR</td>
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### Diabetes – Type 2 Coding NPDR

**E11.3 ⬊ ⬊ ⬊**  
**E11.3 retinopathy stage, edema, laterality**

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### Diabetes – Type 2 Coding PDR

#### E11.35 __ __

#### E11.35 PDR stage, laterality

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<td>5 Stable PDR</td>
<td></td>
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</table>
Diabetic Retinopathy Coding Details

- NPDR – nonproliferative diabetic retinopathy
- Mild NPDR – microaneurisms only
- Moderate NPDR – more than mild but less than severe
- Severe NPDR – no PDR and 2 or more of the following: severe intraretinal hemorrhages and microaneurisms in each of four quadrants, definite venous bleeding in two or more quadrants, and moderate intraretinal microvascular abnormality in one or more quadrants
- PDR – proliferative diabetic retinopathy
- ME – macular edema
Chapter 4: Endocrine, etc

- **E11.9** Type 2 DM without complications/retinopathy
- **E10.9** Type 1 DM without complications/retinopathy
- **E10.3392** Type 1 DM with moderate NPDR without macular edema, left eye
- **E11.3211** Type 2 DM with mild NPDR with macular edema, right eye AND JUST MAYBE…
- **Z79.4** Long term (current) Use of Insulin (if documented)
  - All Categories except E10 (Type 1 DM) require use of additional code to identify use of insulin
Diabetes Type 1

- E10.37x_  w ME, resolved following treatment
- E10.321_  w mild NPDR, w ME
- E10.329_  w mild NPDR, w/o ME
- E10.331_  w mod NPDR, w ME
- E10.339_  w mod NPDR, w/o ME
- E10.341_  w severe NPDR, w ME
- E10.349_  w severe NPDR, w/o ME
- E10.351_  w PDR, w ME
- E10.352_  w PDR, w TRD involve mac
- E10.353_  w PDR, w TRD not involve mac
Diabetes Type 1

- E10.354_ w PDR, w comb TRD & Rheg RD
- E10.355_ w stable PDR
- E10.359_ w PDR, w/o ME
- E10.9 w/o mention of complications
Diabetes Type 2

- E11.37x_  w ME, resolved following treatment
- E11.321_  w mild NPDR, w ME
- E11.329_  w mild NPDR, w/o ME
- E11.331_  w mod NPDR, w ME
- E11.339_  w mod NPDR, w/o ME
- E11.341_  w severe NPDR, w ME
- E11.349_  w severe NPDR, w/o ME
- E11.351_  w PDR, w ME
- E11.352_  w PDR, w TRD involve mac
- E11.353_  w PDR, w TRD not involve mac
Diabetes Type 1

- E11.354_ w PDR, w comb TRD & Rheg RD
- E11.355_ w stable PDR
- E11.359_ w PDR, w/o ME
- E11.9 w/o mention of complications
Confusing Items to Consider

- Most unspecified codes (ending in -0 or -9) are deleted

- Stage codes start with -2 in diabetes, start with -0 in vein occlusions, start w -1 in macular degeneration!

- Laterality codes are not always in the same position, in DM it is 7th position, in POAG it is 6th position, vein occlusion it is 6th position, macular degeneration it is 6th position!

- Don’t forget all these new codes need to be used for PQRS coding (DM, Glaucoma, AMD)!
Monitor Your Accounts Receivables

- Train all key staff on changes
- Issue superbills
- Use 2017 ICD-10CM Book
- Update Updates for PM & EHR systems immediately
- Carefully monitor EOBs looking for denials
- Watch AR closely in 1st Q
- Acknowledge positive & negative variances
- RETRAIN, RETRAIN...
THANK YOU!

- Primary Eyecare Network
  - 1.800.444.9230  www.primaryeye.net
  - Medicare Compliance Kit
    - Health History Questionnaire
    - Examination Forms
    - E/M Worksheets
    - ICD-10 Codes
    - Interpretation/Report form
  - Medicare A-Z Manual
  - CSI’s HIPAA Compliance Manual
  - PQRS Card
  - ICD-10 Common Diagnosis Card Updated for 2017
Thank you

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